

Patent Abstracts of Japan

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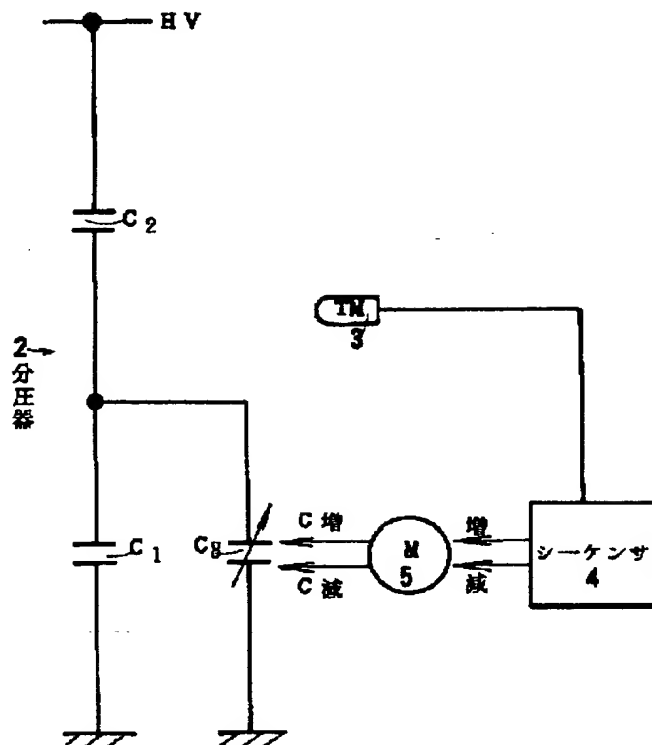
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TITLE : POTENTIAL DIVIDER



ABSTRACT : PROBLEM TO BE SOLVED: To execute accurate waveform measurement even in the case of the occurrence of a temperature change, by multiplying a correction value of a capacitor capacity corresponding to the temperature.

SOLUTION: A variable-capacity capacitor C3 is connected in parallel to a low-voltage side capacitor C1 having a known temperature characteristic, and an ambient temperature of the capacitor is measured, and the capacity of C3 is adjusted so that $C1+C3$ will become constant. Otherwise in the case that temperature characteristics of both a high-voltage side capacitor C2 and the low-voltage side capacitor C1 are already known, the variable-capacity capacitor C3 is connected in parallel to the low-voltage side capacitor C1, and a temperature is measured, and the capacity of C3 is adjusted so that $(C1+C3)/C2$ will become constant.

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